

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002896**Date Inspected:** 23-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Mr. Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coating Inspection**Bridge No:** 34-0006**Component:** See Below**Bid Item:** 77, 78, 79**Lot No:** B #204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE Coating inspector, Baskar Govindarajan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA coating inspector observed the following:

An inspection was requested on the Bike path Panel BK4A-061 , vide inspection request no. 5827 for DFT Check, MEK test and Salt test before the application of Mist coat with Interfine 979 at Paint shop 1. This QA inspector observed, ABF Inspectors Mr. Shi Stone and Ms Helen found inspecting these surfaces . DFT found measured by ZPMC QC Inspectors and accepted for Mist coat. MEK test result conducted by ZPMC QC Inspectors at one place found to be Gr. 5. Salt test result found to be 13.4us/cm at one place. Both MEK and Salt test result found to be acceptable as per contract documents. Ambient conditions found measured by ZPMC QC Inspectors which is 4.3 deg. celcius above dew point and the relative humidity found to be 42.6 % , which is not acceptable as per contract documents. International protective coatings technical service representative Mr. Li peng and Mr. Andy was found present during the course of this inspection process for Technical discussion.

An inspection was requested on the Suspender Brackets and relative accessories SB 104E , vide inspection request no. 5829 for washing and degreasing inspection at West Gate of the Blasting workshop. This QA inspector observed, ABF Inspectors Mr. Sun and Mr. Wei found inspecting these surfaces . It was observed that ABF Inspector accepted these suspender bracket after minor removal of oil in some of the Drilled holes. International protective coatings technical service representative Mr. Li Peng was found present during the course of this inspection process for Technical discussion.

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Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No Relevant Conversation

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Thomas Hu (15002048250), who represents the Office of Structural Materials for your project.

Inspected By:	Baskar,Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
